

Qualities of Magnet Explained by Science

The coast and geodetic survey says that every magnet possesses two kinds of magnetism, that in one end being different from what is in the other. If the magnet is hung up on a thread so that it is free to turn and a second magnet is brought up to it, it may be noticed that the near end of the second magnet draws one end of the suspended magnet and repels the other. The repulsion is exerted between like kinds of magnetism and the attraction between unlike kinds. The earth has all the characteristics of a permanent magnet, and for this reason a suspended magnet, when allowed to come to rest, will take up a definite position, which is determined by the direction of the earth's magnetism at the place. The end of the magnet which points in a northerly direction in this vicinity is frequently called the north pole of the magnet, but the term north-seeking pole is better, as it distinguishes the magnetism of the north end of the magnet from that of the magnetic North pole of the earth which is opposite in kind, as attraction is only exerted between poles of opposite character.

Unhappiness in Wake of Avoidable Worry

The thing which causes us to worry is either something that can be remedied, or can't. The thing to do is to look it squarely in the face. Swallow an unpleasant truth or so if necessary, but get down to the issue, is the advice of the Montreal Family Herald.

If the cause cannot be changed, there is only one thing to do—don't think about it. Force yourself to shut it out of your consciousness. Just close your mind to it, and let the blow fall when and where it will. Since you can't stop it, you might at least save your strength for the finish.

But most of our worries are avoidable. We worry because we suddenly think, two hours after we left the house, that we maybe didn't turn off the electric iron in the kitchen, or because we have a house full of company in the evening and nothing seems ready, or because the children won't eat their vegetables, but will fill up on candy, or any number of small things that are the result of our own carelessness or our inattention to duty.

Ancient Mortgage Laws

Explorers on the site of ancient Babylon have dug up clay tablets on which were recorded agreements from borrower to lender whereby the harvest of certain fields or vineyards was pledged as security for loans. Modern mortgage law is traced back to the Anglo-Saxons. Records show two forms of mortgages—the vit-gage or life pledge and the mort-gage or dead pledge. Under the life pledge the lender took title to the property and managed it until such time as the earnings of the property paid off the debt. Under the dead pledge, the borrower paid off the debt in full at a specified time when the mortgage was canceled. In case of failure to pay he forfeited the property.

Many Kinds of Oaks

There are 300 kinds of oak trees having vastly different characteristics, but they have one common feature, and that is they all produce acorns. The white oak is so called because it has a rather white bark, while the black oak's bark is quite dark, black to all intents and purposes during the "wood age." Live oak was always preferred for shipbuilding and for heavy duty, but just why it was named "live" is a matter of doubt.

At one time the Island of Nantucket was covered with live oaks, but the land was denuded of this timber years ago during the whaling activities, when several shipbuilding yards flourished on the island and a great fleet of whalers was built there.

Wattle and Dab

Wattle and dab is a term of architecture applied to a wall made with upright stakes with withes twisted between them and then plastered over. It is probably one of the oldest systems of construction. The Egyptians employed the stem of maize, or Indian corn, for the upright stakes. These were secured together with withes and covered over with mud, the upper portion of the maize stems being left uncut at the top to increase the height of the enclosure. In the Middle Ages in England wattle and dab was used as a framework for clay chimneys.

Needed Help

A young woman of Brookline and her little daughter sat in an elevated train. Opposite them was a man who was fond of children and he looked across at the little one and winked. She smiled back and tried to imitate him, but only succeeded in squinting with both eyes. Evidently thinking the nice stranger deserved better recognition, the child turned to her mother and said in a loud whisper, "Mother, please wink at that man, I can't." —Boston Transcript.

OREGON WEEKLY INDUSTRIAL REVIEW

food value of Oregon fish and game at \$5,000,000 a year.

Rainier—Giant mint still built for Charles Johnson, Puget Island mint farmer.

Tigard—Four districts approve union high school, and vote \$40,000 building bonds.

Dallas did not lose a single building by fire, during 1925.

Eugene—Telephone line up McKenzie river highway will be rebuilt.

Oregon completed 150 miles of federal-aid road during 1925.

Multnomah county plans a five-year road program to cost \$5,392,500.

Portland—Columbia river lumber shipments for 1925 were 1,189,033,947 feet, worth \$27,347,828.

A number of rocky islets in the Pacific, along the Roosevelt highway, have been designated by President Coolidge as perpetual bird refuges.

Willamette and Umpqua valley broccoli is expected to yield 2,000 ears.

Cascade Rocks—West Coast Power company building \$15,000 line to Warrendale, and McGowan's cannery.

Pendleton—Sunnyside tomato growers shipped 11 carloads of tomatoes during 1925.

Eugene—Contract let for \$100,000 film studio at The Braes, near town.

Marion county spent \$537,791 on roads in 1925.

Secretary Hoover makes the point that the government's widespread business activities have been brought about largely by business itself, through its desire "to regulate the other fellow."

Central Point Lodge No. 193, I. O. O. F.

Meets every Monday evening at 7:30 o'clock. Visiting brethren welcome.

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J. E. VINCENT, Rec. Secy.

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A. F. & A. M.

Regular Meeting Nights—Thursdays on or before the Full Moon of Each Month.

M. A. ADAMS, W. M.

L. HATFIELD, Secy.

The Federated (Union) Church

STATE UNIVERSITY TO HAVE ENROLLMENT OF ABOUT 3000

University of Oregon.—With 197 new students registered in the winter term, the total enrollment of the University on the Eugene campus to date is 2949, according to a report by the registrar. It is expected that 3000 students will be enrolled on the campus by the end of the year.

Spring term registration is certain to increase the enrollment, the registrar estimates, basing this statement on previous years.

The University is rapidly assuming the proportion of a great institution when its total enrollment is compared with those of similar colleges throughout the country, according to the registrar. The total registration in all departments for the present year is more than 7500, it was announced. This figure includes those on the campus, the medical school, school of music, extension division, summer schools at Eugene and Portland.

Of the total student body for the

fall term 2434 students came from Oregon and 285 from other states. Twenty gave their home addresses as territories or possessions of the United States and 13 came from foreign countries.

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NOTICE TO PARENTS

A class for beginners in the first grade will be started this year. The second term begins on Monday, January 25. All children who will be six years old on or before the fifteenth of February will be accepted on Monday, January 25th.

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